



STATE OF ALASKA
DEPARTMENT OF FISH AND GAME

P.O. BOX 115525
JUNEAU, ALASKA 99811-5525

Permit No. SF2008-082

Expires: 12/31/2008

Collections Report/Samples Due 1/31/2009

FISH RESOURCE PERMIT
(For Scientific/Educational Purposes)

This permit authorizes Jack Stanford (whose signature is required on page 2 for permit validation)
person
of University of Montana, Flathead Lake Station at 32125 Biostation Lane, Poulson, MT 59860-6815
agency or organization address
to conduct the following activities from May 15, 2008 to December 31, 2008 in accordance with AS 16.05.930:
Purpose: To measure multiple aspects of fish communities, food webs and environmental relationships in the
target river system.
Location: Multiple locations on Kwethluk River upstream from the US Fish and Wildlife Service weir
Species Collected: Local species
Method of Capture: Minnow traps, beach seine, hook-and-line, backpack electrofisher (**Stipulation #8**)
Department Sample Requirements: The Department's Gene Conservation Laboratory (GCL) requests samples (fin clips)
suitable for genetic analysis from 100 of each of the following fish collected under this permit; Dolly Varden, Arctic
grayling, round whitefish, northern pike, Alaska blackfish and ninespine stickleback (**Stipulation #6**).
Final Disposition: Any species/number of fish may be collected/measured/sampled/released alive at capture site.
Incidental mortalities will be returned to stream at the capture site.
The following numbers/species of fish may be sacrificed for isotope/genetic analysis:
≤20 adults or juveniles of each of these species: sculpin, Alaska blackfish, ninespine stickleback
≤10 adult and ≤200 juvenile of each of these species: salmon spp./Dolly Varden/grayling/broad whitefish
≤20 adult and ≤20 juvenile rainbow trout ≤20 adults and ≤100 juvenile northern pike

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REPORT DUE January 31, 2009. The report shall include species, numbers, dates, and locations of collection (datum/GPS coordinates in the decimal degrees format (dd.ddddd)) and disposition, and if applicable, sex, age, and breeding condition, and lengths and weights of fish. *It must also include the date and time the local AMB (stipulation #1) was contacted. A completion report (abstract/background/methods/data/analysis), if not submitted with the collection report described above, must be submitted to the department by June 2009.* Data from such reports are considered public information. The report shall also include other information as may be required under the permit stipulations section.

GENERAL CONDITIONS, EXCEPTIONS AND RESTRICTIONS

1. This permit must be carried by person(s) specified during approved activities who shall show it on request to persons authorized to enforce Alaska's fish and game laws. This permit is nontransferable and will be revoked or renewal denied by the Commissioner of Fish and Game if the permittee violates any of its conditions, exceptions or restrictions. No redelegation of authority may be allowed under this permit unless specifically noted.
2. No specimens taken under authority hereof may be sold or bartered. All specimens must be deposited in a public museum or a public scientific or educational institution unless otherwise stated herein. Subpermittees shall not retain possession of live animals or other specimens.
3. The permittee shall keep records of all activities conducted under authority of this permit, available for inspection at all reasonable hours upon request of any authorized state enforcement officer.
4. Permits will not be renewed until the department has received detailed reports, as specified above.
5. UNLESS SPECIFICALLY STATED HEREIN, THIS PERMIT DOES NOT AUTHORIZE the exportation of specimens or the taking of specimens in areas otherwise closed to hunting and fishing; without appropriate licenses required by state regulations; during closed seasons; or in any manner, by any means, at any time not permitted by those regulations.

Bob Penhollow
Fish Resource Permit Coordinator
Division of Sport Fish

M. Michael
Director
Division of Sport Fish

4/10/08
Date

Authorized Personnel: The following persons may perform collecting activities under terms of this permit:

**Tom Chandler, Zach Crete, Daniel Gillikin, Nathan Hoeme, Kirill Kuzischchin, Mark Lorang,
Megan McPhee, Jack Stanford, Tyler Tappenbeck, Olin Twitchell**

Employees and volunteers under the direct supervision of, and in the presence of, one of the authorized personnel listed above may participate in collecting activities under terms of this permit.

Permit Stipulations:

- 1) The local Area Management Biologist, **John Chythlook** (459-7361; john.chythlook@alaska.gov) Bethel, must be notified **prior** to you engaging in any collecting activities. This biologist has the right to specify methods for collecting, as well as limiting the collections of any species by number, time and location.
- 2) A valid Alaska sport fishing license must be in the possession of any individual using hook-and-line gear.
- 3) All unattended sampling gear; 1) labeled with the permittee's name, telephone number, and permit number, 2) securely tied to substrate, 3) soak no more than twenty-four hours at a time, 4) be located with GPS coordinates, and 5) must be accounted for/ removed at the conclusion of sampling.
- 4) Salmon eggs used as bait in traps must either be; sterilized commercial eggs or, if raw, be disinfected prior to use. A 10 minute soak in 1/100 Betadine solution or some other iodophor disinfectant is adequate.
- 5) If anadromous fish are found in permitted streams and rivers, the permit holder will work closely with ADF&G to see that information is included in the database for the *Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes*. Anadromous fish include *Oncorhynchus spp.*, Arctic char, Dolly Varden, sheefish, smelts, lamprey, whitefish, and sturgeon. Please direct questions to J. Johnson, 267-2337 or j.johnson@alaska.gov
- 6) If genetic sample collection supplies are needed, please contact Judy Berger of the GCL (907-267-2175, judy.berger@alaska.gov). The GCL requests a one week notice prior to field deployment for scheduling assembly and shipping of sampling supplies.
- 7) When an adequate number of samples suitable for genetic analysis are collected under this permit and are still in the permittee's possession, the permittee agrees to provide them to the GCL within three months of a request by the ADF&G.
- 8) Electroshocking is currently discouraged, but not prohibited by the department. Electroshockers **may not** be used in anadromous waters in the presence of adult salmonids, adult trout or adult charr. Operators of electroshockers must have formal training.
- 9) **Atlantic salmon** and other **non-native invasive aquatic species** that you encounter during your sampling should be killed. In such an event please contact the nearest ADF&G office (see # 1 above) ASAP with species identification or description, capture location or location of sighting if capture is not possible, number captured, size, and sex. Preserve and turn in the whole specimen to the nearest ADF&G office.
- 10) A copy of this permit, including any amendments, must be made available at all field collection sites and project sites for inspection upon request by a representative of the department or a law enforcement officer.
- 11) Issuance of this permit does not absolve the permittee from compliance in full with any and all other applicable federal, state, or local laws, regulations, or ordinances.
- 12) A **report of collecting activities**, referenced to this fish resource permit number, must be submitted to the Alaska Department of Fish and Game, Division of Sport Fish HQ, P.O. Box 115525, Juneau, AK 99811-5525, Attention: Bob Piorkowski (465-6109; Robert.Piorkowski@alaska.gov), within 30 days after the expiration of this permit. This report must summarize the number of fish captured by date, by location (provide GPS coordinates and datum or a map), and by species, and the fate of those fish. Fish length, weight, sex, and age data should be included if collected. A completion report (abstract/background/methods/data/analysis), if not submitted with the collection report described above, must be submitted to the department within six months of the expiration of the permit. Data from such reports are considered public information. A report is required whether or not collecting activities were undertaken. A report should also be sent to the Biologist(s) listed under stipulation 1 in the Permit Stipulations section.

PERMIT VALIDATION requires permittee's signature agreeing to abide by permit conditions before beginning collecting activities:

Signature of Permittee

cc: John Chythlook, Division of Sport Fish, Bethel
John Linderman, Division of Commercial Fisheries, Bethel
Mac McLean, ADNR, Office of Habitat Management and Permitting, Fairbanks
Fish and Wildlife Protection, Anchorage